

Proposed EEC “Bounding” Scenarios for Development of Estimates of Annual Investment, Savings, and Rate and Bill Impacts

	<u>DSM costs Expensed</u>	<u>DSM costs Expensed</u>		<u>DSM costs Amortized</u>	
<b>Base Case: Currently Committed EVT Programs as proposed</b>					
<i>Rate and Bill Impacts</i>	3 Year programs	Programs continued at 2008 levels		Programs continued at 2008 levels	
<i>Levelized Rate 2006 - 2015</i>	\$0.1305	<i>Levelized Rate</i>	\$0.1319	<i>Levelized Rate</i>	\$0.1309
<i>Rate Change 2006 - 2015</i>	23.7%	<i>Rate Change</i>	1.04%	<i>Rate Change</i>	0.25%
<i>NPV Rve Req 2006 - 2015</i>	\$5,720	<i>NPV Rev Req</i>	\$5,643	<i>NPV Rev Req</i>	\$5,599
<i>Revenue Requirement Change</i>	41%	<i>Rev Req Change</i>	-1.34%	<i>Rev Req Change</i>	-2.11%

Note: Base Case 3 Year programs percentage change represents the forecasted difference between the years 2006 and 2015

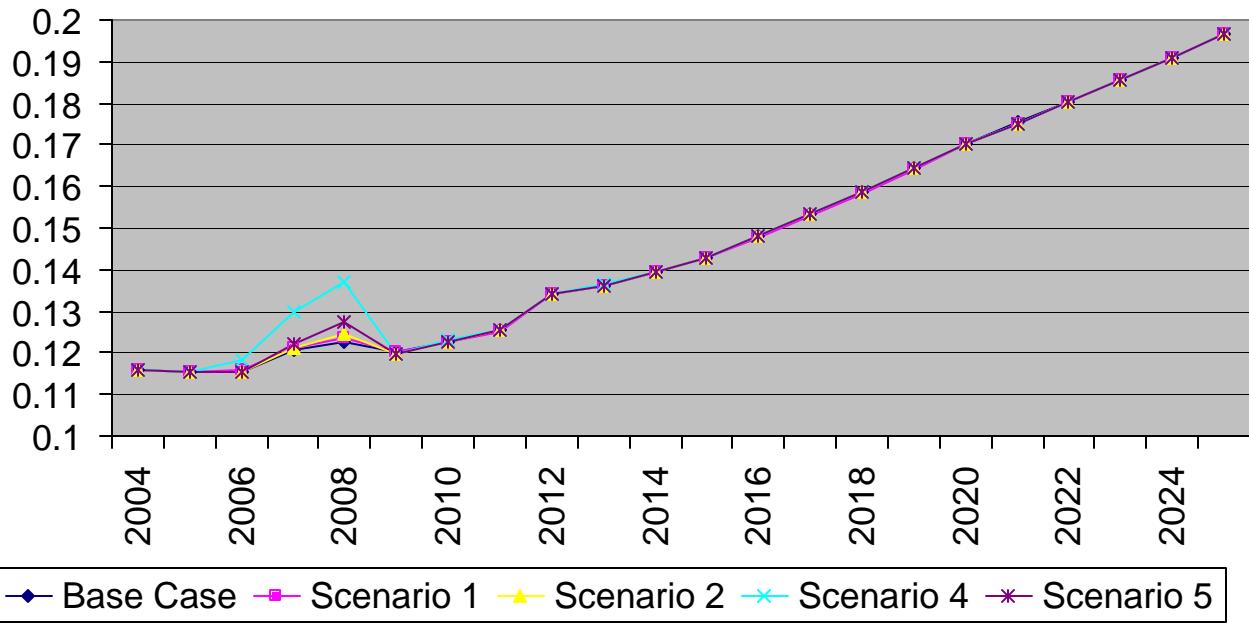
<b>Scenario 1: Modest increment with current strategies, as presented at 12/1 PSB Workshop</b>					
<i>Rate and Bill Impacts</i>	3 Year programs	Programs continued at 2008 levels		Programs continued at 2008 levels	
<i>Levelized Rate 2006 - 2015</i>	\$0.1307	<i>Levelized Rate</i>	\$0.1325	<i>Levelized Rate</i>	\$0.1311
<i>Rate Change from Base Case</i>	0.10%	<i>Rate Change</i>	1.49%	<i>Rate Change</i>	0.46%
<i>NPV Rve Req 2006 - 2015</i>	\$5,689	<i>NPV Rev Req</i>	\$5,608	<i>NPV Rev Req</i>	\$5,551
<i>Rev Req change from Base Case</i>	-0.53%	<i>Rev Req Change</i>	-1.96%	<i>Rev Req Change</i>	-2.95%

<b>Scenario 2: Double spending in 2008, as presented at 12/1 PSB Workshop</b>					
<i>Rate and Bill Impacts</i>	3 Year programs	Programs continued at 2008 levels		Programs continued at 2008 levels	
<i>Levelized Rate 2006 - 2015</i>	\$0.1307	<i>Levelized Rate</i>	\$0.1332	<i>Levelized Rate</i>	\$0.1314
<i>Rate Change from Base Case</i>	0.16%	<i>Rate Change</i>	2.01%	<i>Rate Change</i>	0.63%
<i>NPV Rve Req 2006 - 2015</i>	\$5,681	<i>NPV Rev Req</i>	\$5,526	<i>NPV Rev Req</i>	\$5,452
<i>Rev Req change from Base Case</i>	-0.67%	<i>Rev Req Change</i>	-3.38%	<i>Rev Req Change</i>	-4.69%

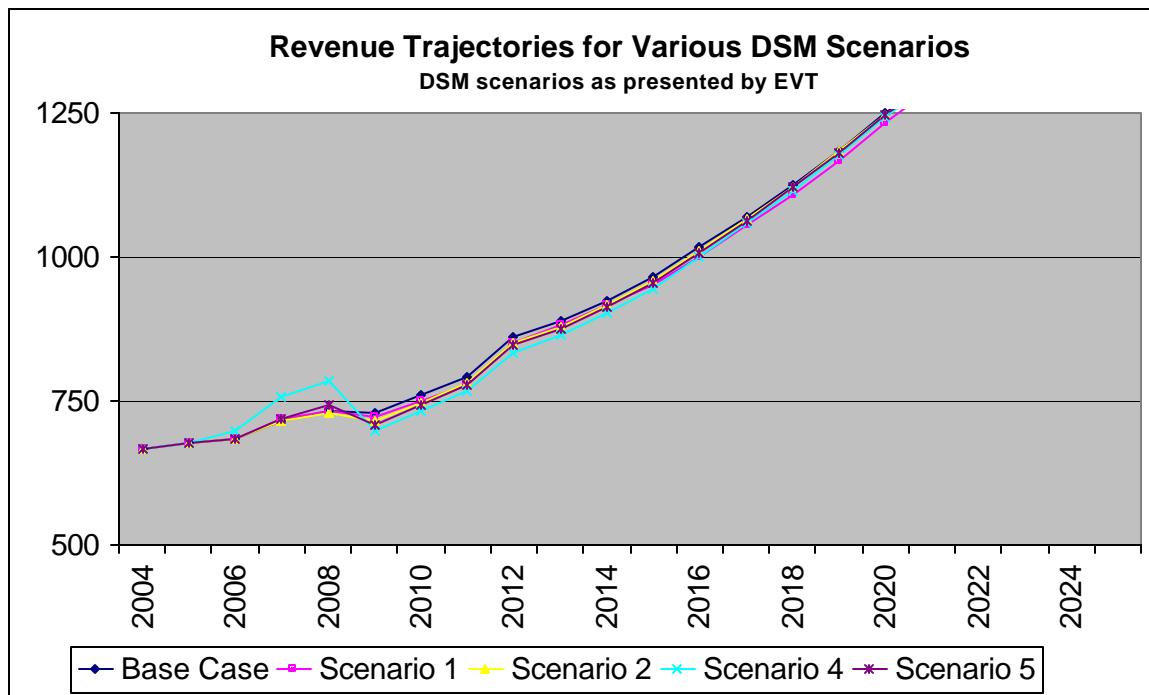
<b>Scenario 4: Implement existing contract spending and strategies with current funding, PLUS as much additional cost-effective investment over next 3 years w/o policy constraints</b>					
<i>Rate and Bill Impacts</i>	3 Year programs	Programs continued at 2008 levels		Programs continued at 2008 levels	
<i>Levelized Rate 2006 - 2015</i>	\$0.1332	<i>Levelized Rate</i>	\$0.1439	<i>Levelized Rate</i>	\$0.1379
<i>Rate Change from Base Case</i>	2.07%	<i>Rate Change</i>	10.24%	<i>Rate Change</i>	5.66%
<i>NPV Rve Req 2006 - 2015</i>	\$5,706	<i>NPV Rev Req</i>	\$5,744	<i>NPV Rev Req</i>	\$5,503
<i>Rev Req change from Base Case</i>	-0.24%	<i>Rev Req Change</i>	0.43%	<i>Rev Req Change</i>	-3.78%

<b>Scenario 5: Ramp up to annual spending of \$52.5 million (three times current level) in 2008; Maintain current policies for up to 2 times spending, then unconstrained.</b>					
<i>Rate and Bill Impacts</i>	3 Year programs	Programs continued at 2008 levels		Programs continued at 2008 levels	
<i>Levelized Rate 2006 - 2015</i>	\$0.1311	<i>Levelized Rate</i>	\$0.1356	<i>Levelized Rate</i>	\$0.1328
<i>Rate Change from Base Case</i>	0.44%	<i>Rate Change</i>	3.88%	<i>Rate Change</i>	1.75%
<i>NPV Rve Req 2006 - 2015</i>	\$5,673	<i>NPV Rev Req</i>	\$5,533	<i>NPV Rev Req</i>	\$5,420
<i>Rev Req change from Base Case</i>	-0.81%	<i>Rev Req Change</i>	-3.25%	<i>Rev Req Change</i>	-5.25%

## Rate Trajectories for Various DSM Scenarios

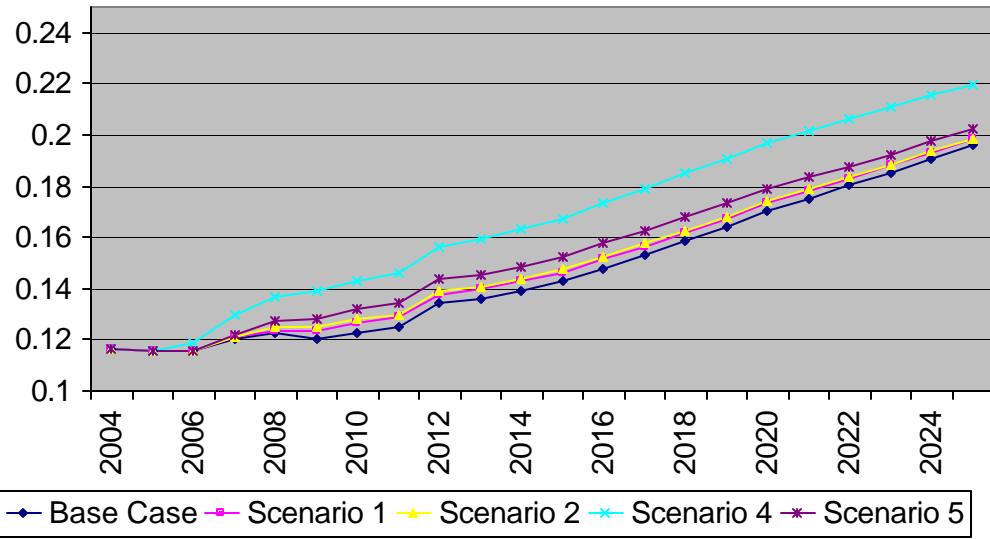


	Base Case Scenario 1			Scenario 2		Scenario 4		Scenario 5	
	Rates	Rates	D - BC	Rates	D - BC	Rates	D - BC	Rates	D - BC
2004	0.116	0.116	0.00%	0.116	0.00%	0.116	0.00%	0.116	0.00%
2005	0.115	0.115	0.00%	0.115	0.00%	0.115	0.00%	0.115	0.00%
2006	0.116	0.116	0.21%	0.115	-0.06%	0.118	2.46%	0.115	-0.06%
2007	0.120	0.121	0.45%	0.121	0.58%	0.130	7.92%	0.122	1.27%
2008	0.123	0.124	0.75%	0.125	1.55%	0.137	11.65%	0.127	3.87%
2009	0.120	0.120	-0.01%	0.120	-0.21%	0.120	-0.14%	0.120	-0.24%
2010	0.123	0.123	-0.02%	0.123	-0.07%	0.123	0.15%	0.123	-0.04%
2011	0.125	0.125	-0.12%	0.125	-0.03%	0.125	0.09%	0.125	-0.01%
2012	0.134	0.134	-0.08%	0.134	-0.01%	0.134	0.13%	0.134	0.02%
2013	0.136	0.136	-0.06%	0.136	-0.02%	0.136	0.08%	0.136	-0.01%
2014	0.139	0.139	-0.07%	0.139	-0.03%	0.139	0.05%	0.139	-0.02%
2015	0.143	0.143	-0.09%	0.143	-0.02%	0.143	0.04%	0.143	-0.01%
2016	0.148	0.148	-0.09%	0.148	-0.01%	0.148	0.04%	0.148	0.00%
2017	0.153	0.153	-0.09%	0.153	-0.01%	0.153	0.02%	0.153	-0.01%
2018	0.159	0.158	-0.09%	0.159	-0.02%	0.159	0.00%	0.159	-0.02%
2019	0.164	0.164	-0.09%	0.164	-0.02%	0.164	-0.01%	0.164	-0.02%
2020	0.170	0.170	-0.08%	0.170	-0.02%	0.170	-0.01%	0.170	-0.02%
2021	0.175	0.175	-0.07%	0.175	-0.02%	0.175	-0.01%	0.175	-0.02%
2022	0.180	0.180	-0.06%	0.180	-0.02%	0.180	-0.01%	0.180	-0.02%
2023	0.186	0.185	-0.05%	0.185	-0.02%	0.185	-0.01%	0.185	-0.02%
2024	0.191	0.191	-0.04%	0.191	-0.01%	0.191	-0.01%	0.191	-0.01%
2025	0.196	0.196	-0.03%	0.196	-0.01%	0.196	-0.01%	0.196	-0.01%
LEV	\$0.131	\$0.131	0.10%	\$0.131	0.16%	\$0.133	2.07%	\$0.131	0.44%

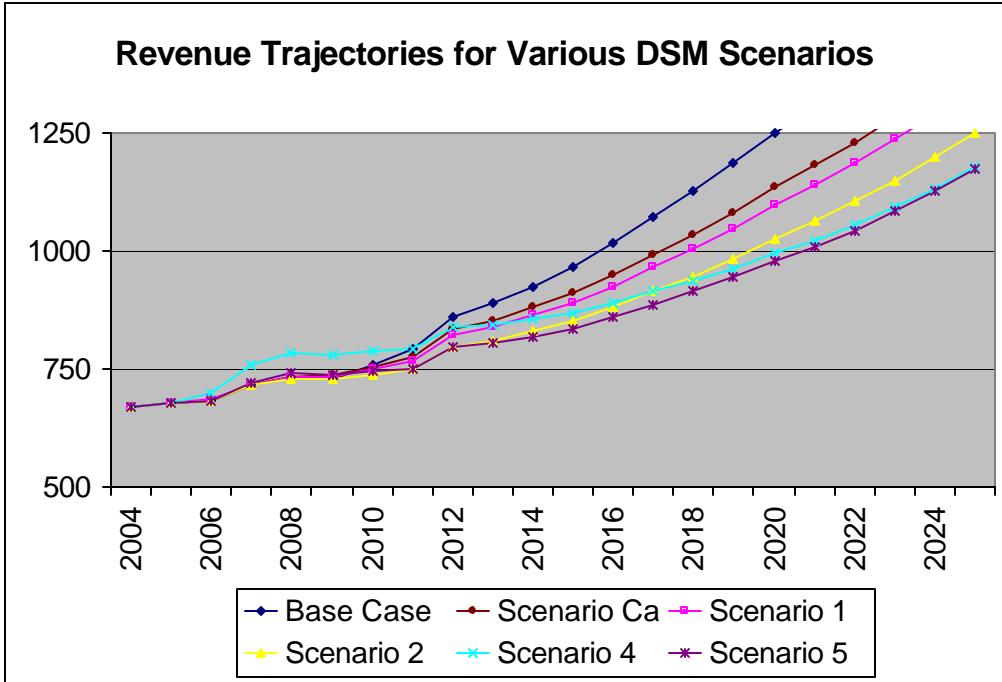


	Base Case	Scenario 1	Scenario 2	Scenario 4	Scenario 5
	Revenues	Revenues D - BC			
2004	<b>667.4</b>	667.4	0.00%	667.4	0.00%
2005	<b>678.7</b>	678.7	0.00%	678.7	0.00%
2006	<b>684.2</b>	685.0	0.12%	682.4	-0.25%
2007	<b>716.5</b>	717.9	0.19%	715.8	-0.10%
2008	<b>732.6</b>	733.3	0.10%	730.8	-0.25%
2009	<b>729.3</b>	722.8	-0.89%	715.5	-1.89%
2010	<b>760.0</b>	750.8	-1.20%	748.2	-1.55%
2011	<b>790.7</b>	779.3	-1.43%	781.8	-1.12%
2012	<b>859.5</b>	849.8	-1.13%	850.6	-1.03%
2013	<b>888.1</b>	880.9	-0.81%	879.4	-0.98%
2014	<b>924.6</b>	915.3	-1.00%	916.5	-0.87%
2015	<b>965.0</b>	953.0	-1.25%	958.2	-0.70%
2016	<b>1016.0</b>	1001.1	-1.47%	1010.7	-0.53%
2017	<b>1070.5</b>	1053.9	-1.55%	1066.0	-0.42%
2018	<b>1126.3</b>	1108.2	-1.61%	1122.6	-0.33%
2019	<b>1185.7</b>	1167.8	-1.51%	1182.4	-0.27%
2020	<b>1249.5</b>	1232.2	-1.38%	1247.0	-0.20%
2021	<b>1305.4</b>	1290.8	-1.12%	1303.1	-0.17%
2022	<b>1363.8</b>	1352.0	-0.86%	1361.7	-0.15%
2023	<b>1425.0</b>	1415.9	-0.64%	1423.4	-0.12%
2024	<b>1488.8</b>	1481.8	-0.47%	1487.5	-0.09%
2025	<b>1555.3</b>	1549.7	-0.36%	1554.0	-0.09%
NPV	5719.6	5689.2	-0.53%	5681.4	-0.67%
				5706.0	-0.24%
				5673.5	-0.81%

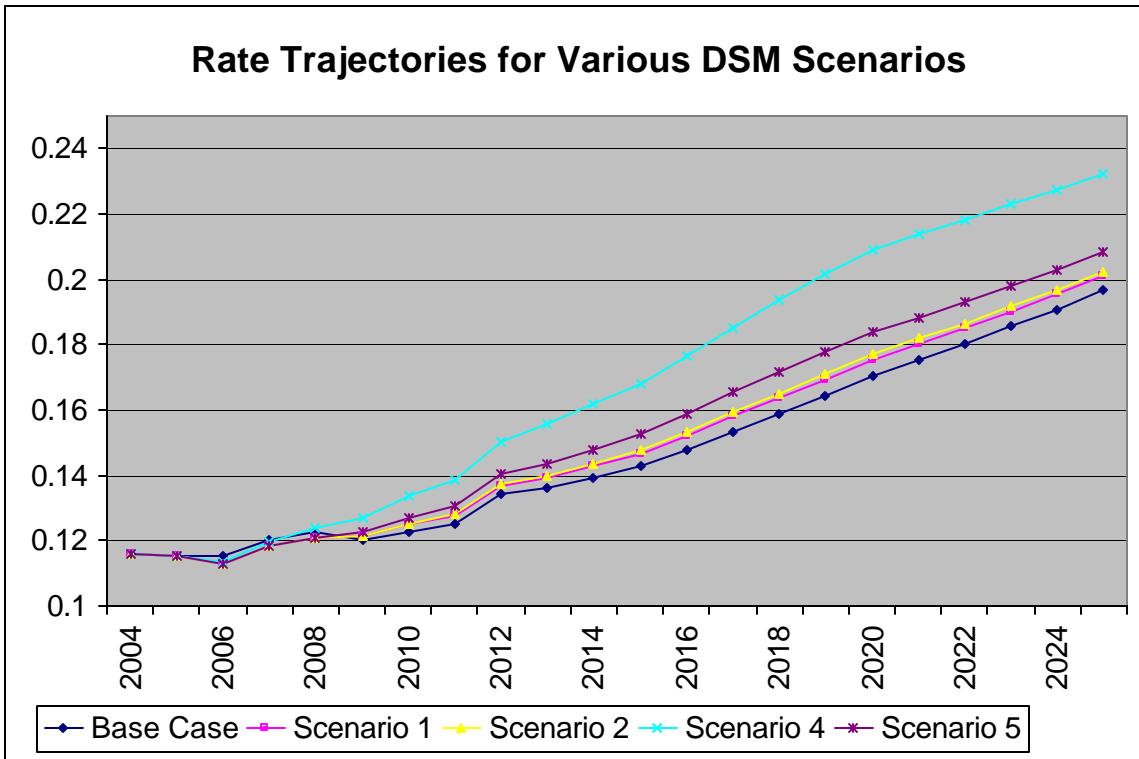
## Rate Trajectories for Various DSM Scenarios



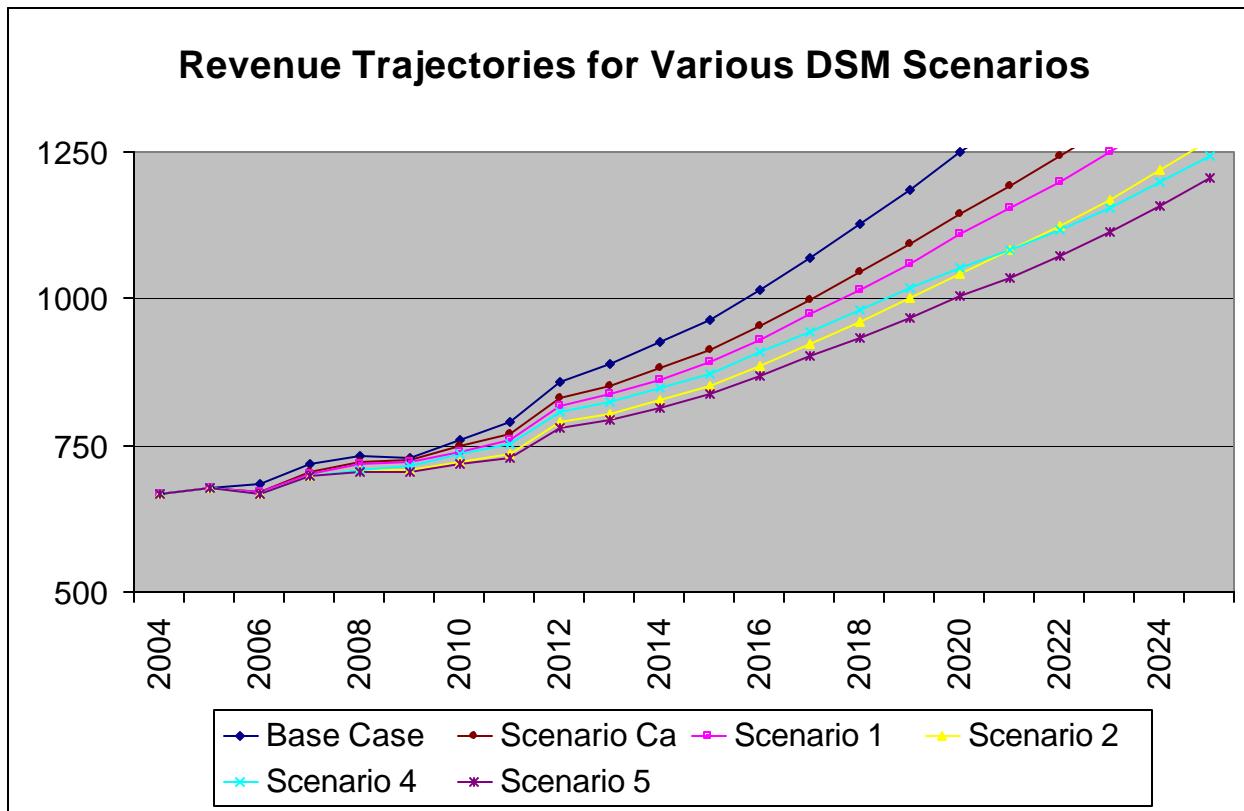
	Base Case		Scenario 1		Scenario 2		Scenario 4		Scenario 5		
	Rates	D - BC	Rates	D - BC	Rates	D - BC	Rates	D - BC	Rates	D - BC	
2004	0.116	0.00%	0.116	0.00%	0.116	0.00%	0.116	0.00%	0.116	0.00%	
2005	0.115	0.00%	0.115	0.00%	0.115	0.00%	0.115	0.00%	0.115	0.00%	
2006	0.116	0.00%	0.116	0.19%	0.116	-0.06%	0.115	2.46%	0.115	-0.06%	
2007	0.120	0.00%	0.121	0.40%	0.121	0.58%	0.130	7.92%	0.122	1.27%	
2008	0.123	0.00%	0.124	0.64%	0.125	1.55%	0.137	11.65%	0.127	3.87%	
2009	0.120	0.123	0.124	3.40%	0.125	4.08%	0.139	15.55%	0.128	6.74%	
2010	0.123	0.126	0.127	3.12%	0.128	4.19%	0.143	16.66%	0.132	7.31%	
2011	0.125	0.128	0.129	2.12%	0.130	3.79%	0.146	16.67%	0.134	7.04%	
2012	0.134	0.137	0.138	2.05%	0.139	3.68%	0.156	16.60%	0.143	7.01%	
2013	0.136	0.139	0.140	1.96%	0.141	3.43%	0.159	16.78%	0.146	6.86%	
2014	0.139	0.142	0.143	1.87%	0.144	3.26%	0.163	16.90%	0.149	6.71%	
2015	0.143	0.145	0.146	1.77%	0.147	3.08%	0.167	16.97%	0.152	6.53%	
2016	0.148	0.150	0.151	1.73%	0.152	3.03%	0.173	17.13%	0.157	6.48%	
2017	0.153	0.156	0.157	1.64%	0.158	2.85%	0.179	16.99%	0.163	6.23%	
2018	0.159	0.161	0.162	1.52%	0.163	2.62%	0.185	16.70%	0.168	5.89%	
2019	0.164	0.167	0.167	1.39%	0.168	2.38%	0.191	16.27%	0.173	5.48%	
2020	0.170	0.173	0.173	1.28%	0.174	2.15%	0.197	15.71%	0.179	5.03%	
2021	0.175	0.177	0.178	1.18%	0.179	1.95%	0.202	15.17%	0.183	4.57%	
2022	0.180	0.182	0.183	1.08%	0.183	1.74%	0.206	14.47%	0.188	4.05%	
2023	0.186	0.187	0.188	0.98%	0.188	1.54%	0.211	13.67%	0.192	3.75%	
2024	0.191	0.193	0.193	0.88%	0.193	1.33%	0.215	12.80%	0.197	3.45%	
2025	0.196	0.198	0.199	0.79%	0.199	1.14%	0.220	11.93%	0.203	3.16%	
LEV 2004-2015	\$0.131	\$0.132	1.04%	\$0.132	1.49%	\$0.133	2.01%	\$0.144	10.24%	\$0.136	3.88%



	Base Case	Scenario C	Scenario Ca	Scenario 1	Scenario 2	Scenario 2a	Scenario 4	Scenario 4a	Scenario 5	Scenario 5a	
	Revenues	Revenues	D - BC	Revenues	D - BC	Revenues	D - BC	Revenues	D - BC	Revenues	D - BC
2004	667.4	667.4	0.00%	667.4	0.00%	667.4	0.00%	667.4	0.00%	667.4	0.00%
2005	678.7	678.7	0.00%	678.7	0.00%	678.7	0.00%	678.7	0.00%	678.7	0.00%
2006	684.2	684.2	0.00%	684.9	0.10%	682.4	-0.25%	697.3	1.92%	682.4	-0.25%
2007	716.5	716.5	0.00%	717.5	0.14%	715.8	-0.10%	757.4	5.71%	719.6	0.43%
2008	732.6	732.6	0.00%	732.5	-0.01%	730.8	-0.25%	783.8	6.99%	741.7	1.24%
2009	729.3	736.3	0.97%	733.8	0.62%	727.1	-0.30%	778.7	6.78%	735.2	0.81%
2010	760.0	755.9	-0.53%	750.9	-1.20%	739.2	-2.73%	789.4	3.88%	745.7	-1.87%
2011	790.7	774.6	-2.03%	766.4	-3.07%	748.6	-5.32%	793.5	0.36%	751.1	-5.00%
2012	859.5	834.1	-2.96%	822.5	-4.30%	798.3	-7.12%	837.5	-2.56%	796.6	-7.32%
2013	888.1	853.8	-3.86%	839.5	-5.47%	810.1	-8.78%	843.2	-5.06%	804.7	-9.39%
2014	924.6	880.0	-4.82%	862.9	-6.67%	828.6	-10.38%	854.4	-7.59%	818.7	-11.46%
2015	965.0	909.2	-5.79%	889.1	-7.87%	849.7	-11.96%	867.7	-10.09%	834.8	-13.50%
2016	1016.0	948.3	-6.67%	925.0	-8.95%	880.2	-13.36%	889.9	-12.41%	860.2	-15.34%
2017	1070.5	990.9	-7.44%	964.2	-9.94%	913.3	-14.69%	913.2	-14.69%	887.1	-17.13%
2018	1126.3	1034.2	-8.17%	1003.8	-10.88%	946.5	-15.96%	936.3	-16.87%	913.7	-18.88%
2019	1185.7	1081.8	-8.76%	1047.6	-11.64%	983.8	-17.02%	963.0	-18.78%	943.9	-20.39%
2020	1249.5	1134.1	-9.23%	1096.1	-12.28%	1025.6	-17.92%	994.2	-20.44%	978.0	-21.73%
2021	1305.4	1180.8	-9.55%	1139.5	-12.71%	1063.2	-18.55%	1022.6	-21.66%	1008.4	-22.75%
2022	1363.8	1230.6	-9.77%	1186.3	-13.02%	1104.6	-19.00%	1055.3	-22.62%	1042.3	-23.57%
2023	1425.0	1283.5	-9.93%	1236.4	-13.24%	1149.6	-19.33%	1092.3	-23.35%	1082.7	-24.03%
2024	1488.8	1339.3	-10.04%	1289.6	-13.38%	1197.9	-19.54%	1132.8	-23.91%	1127.0	-24.31%
2025	1555.3	1398.4	-10.09%	1346.1	-13.45%	1249.6	-19.66%	1176.5	-24.36%	1174.9	-24.46%
NPV	5719.6	5643.1	-1.34%	5607.6	-1.96%	5526.5	-3.38%	5744.2	0.43%	5533.5	-3.25%



	Base Case Rates	Scenario C Rates	Scenario Ca D - BC	Scenario 1 Rates	Scenario 1a D - BC	Scenario 2 Rates	Scenario 2a D - BC	Scenario 4 Rates	Scenario 4a D - BC	Scenario 5 Rates	Scenario 5a D - BC
2004	0.116	0.116	0.00%	0.116	0.00%	0.116	0.00%	0.116	0.00%	0.116	0.00%
2005	0.115	0.115	0.00%	0.115	0.00%	0.115	0.00%	0.115	0.00%	0.115	0.00%
2006	0.116	0.113	-2.13%	0.113	-2.12%	0.113	-2.16%	0.113	-1.88%	0.113	-2.16%
2007	0.120	0.118	-1.85%	0.118	-1.83%	0.118	-1.92%	0.119	-0.83%	0.118	-1.85%
2008	0.123	0.121	-1.58%	0.121	-1.52%	0.121	-1.61%	0.124	0.88%	0.121	-1.31%
2009	0.120	0.121	1.06%	0.122	1.24%	0.122	1.30%	0.127	5.92%	0.123	2.11%
2010	0.123	0.124	1.32%	0.125	1.65%	0.125	1.93%	0.133	8.69%	0.127	3.48%
2011	0.125	0.127	1.37%	0.127	1.73%	0.128	2.06%	0.138	10.40%	0.130	4.00%
2012	0.134	0.136	1.61%	0.137	2.06%	0.137	2.52%	0.150	12.27%	0.141	4.88%
2013	0.136	0.139	1.78%	0.139	2.29%	0.140	2.76%	0.155	14.11%	0.144	5.51%
2014	0.139	0.142	1.94%	0.143	2.51%	0.144	3.07%	0.162	15.92%	0.148	6.13%
2015	0.143	0.146	2.08%	0.147	2.72%	0.148	3.36%	0.168	17.68%	0.153	6.72%
2016	0.148	0.151	2.27%	0.152	2.99%	0.153	3.76%	0.177	19.50%	0.159	7.42%
2017	0.153	0.157	2.39%	0.158	3.16%	0.159	4.01%	0.185	20.96%	0.165	7.89%
2018	0.159	0.162	2.48%	0.164	3.28%	0.165	4.19%	0.194	22.23%	0.172	8.23%
2019	0.164	0.168	2.34%	0.169	3.15%	0.171	4.11%	0.202	22.77%	0.178	8.23%
2020	0.170	0.174	2.21%	0.175	2.99%	0.177	3.95%	0.209	22.50%	0.184	8.02%
2021	0.175	0.179	2.09%	0.180	2.84%	0.182	3.73%	0.214	21.91%	0.188	7.53%
2022	0.180	0.184	1.97%	0.185	2.68%	0.187	3.49%	0.218	21.13%	0.193	6.97%
2023	0.186	0.189	1.86%	0.190	2.52%	0.192	3.26%	0.223	20.21%	0.198	6.62%
2024	0.191	0.194	1.74%	0.195	2.36%	0.197	3.02%	0.228	19.22%	0.203	6.27%
2025	0.196	0.200	1.63%	0.201	2.22%	0.202	2.80%	0.232	18.21%	0.208	5.93%
LEV 2004-2015	\$0.131	\$0.131	0.25%	\$0.131	0.46%	\$0.131	0.63%	\$0.138	5.66%	\$0.133	1.75%



	Base Case Revenues	Scenario Ca Revenues	Scenario 1 Revenues	Scenario 2 Revenues	Scenario 4 Revenues	Scenario 5 Revenues					
2004	\$667.4	\$667.4	\$667.4	\$667.4	\$667.4	\$667.4					
2005	\$678.7	\$679.0	\$678.7	\$678.7	\$678.7	\$678.7					
2006	\$684.2	\$670.0	\$670.0	\$670.0	\$670.0	\$670.0					
2007	\$716.5	\$703.0	\$703.0	\$703.0	\$703.0	\$703.0					
2008	\$732.6	\$721.0	\$721.0	\$721.0	\$721.0	\$721.0					
2009	\$729.3	\$727.0	\$727.0	\$727.0	\$727.0	\$727.0					
2010	\$760.0	\$748.0	\$748.0	\$748.0	\$748.0	\$748.0					
2011	\$790.7	\$769.0	\$769.0	\$769.0	\$769.0	\$769.0					
2012	\$859.5	\$830.0	\$817.1	\$817.1	\$817.1	\$817.1					
2013	\$888.1	\$852.0	\$836.8	\$836.8	\$836.8	\$836.8					
2014	\$924.6	\$881.0	\$863.0	\$863.0	\$863.0	\$863.0					
2015	\$965.0	\$912.0	\$892.0	\$892.0	\$892.0	\$892.0					
2016	\$1016.0	\$953.0	\$930.9	\$930.9	\$930.9	\$930.9					
2017	\$1070.5	\$998.0	\$973.1	\$973.1	\$973.1	\$973.1					
2018	\$1126.3	\$1,044.0	\$1015.8	\$1015.8	\$1015.8	\$1015.8					
2019	\$1185.7	\$1,092.0	\$1060.5	\$1060.5	\$1060.5	\$1060.5					
2020	\$1249.5	\$1,145.0	\$1109.6	\$1109.6	\$1109.6	\$1109.6					
2021	\$1305.4	\$1,191.0	\$1153.3	\$1153.3	\$1153.3	\$1153.3					
2022	\$1363.8	\$1,242.0	\$1200.5	\$1200.5	\$1200.5	\$1200.5					
2023	\$1425.0	\$1,295.0	\$1250.9	\$1250.9	\$1250.9	\$1250.9					
2024	\$1488.8	\$1,351.0	\$1304.5	\$1304.5	\$1304.5	\$1304.5					
2025	\$1555.3	\$1,410.0	\$1361.4	\$1361.4	\$1361.4	\$1361.4					
NPV	\$5719.6	\$5599.1	-2.11%	\$5550.9	-2.95%	\$5451.5	-4.69%	\$5503.3	-3.78%	\$5419.6	-5.25%